

Title: METHOD, APPRATUS AND PROGRAM  
STORAGE DEVICE FOR PROVIDING INLINE  
CONTROL OF ROW AND COLUMN SETS  
IN TABULAR DISPLAYS

Applicants: Gao, et al.

Docket: SJO920030057/IBMS.073PA

Sheet 1 of 10

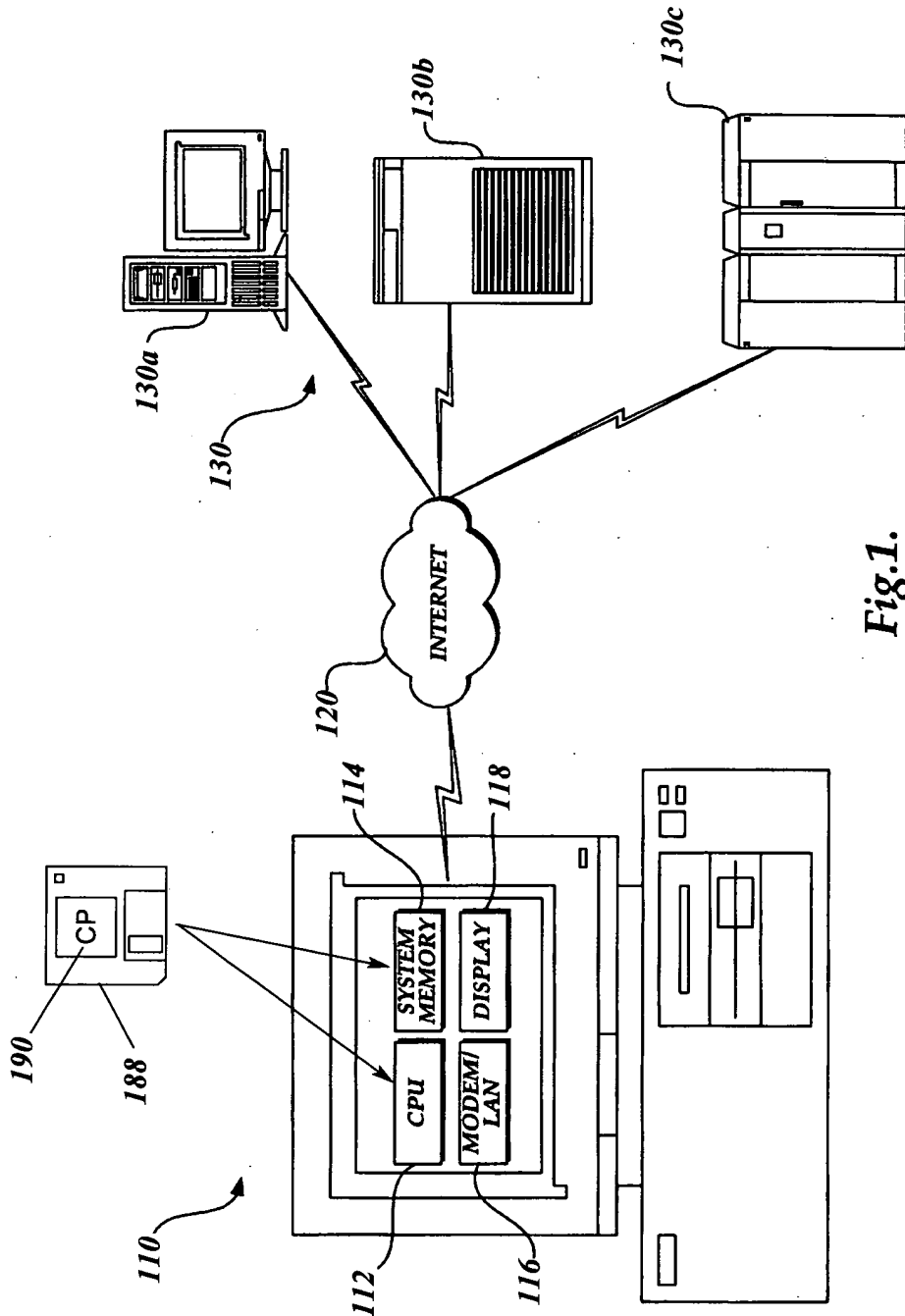


Fig.1.

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242

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Reset List Utilities Scroll Help
=====
                                VOLUME LIST
Command: [unclear]

Enter Line Operators below:

Entries 1-14 of 27
Data Columns 3-8 of 40

LINE      VOLUME FREE      %      ALLOC      FRAG      LARGEST      FREE
OPERATOR  SERIAL SPACE    FREE    SPACE    INDEX    EXTENT    EXTENTS
---(1)---  ---(2)--- ---(3)---  (4)-   ---(5)---  ---(6)---  ---(7)---  ---(8)---
PRM001    1456978      53      1015224    223      342500      223
PRM002    1704676      61      1067436    213      1054350     250
PRM003    1414719      51      1306701    273      436782      227
PRM004    1297378      45      1534022    305      304041      270
PRM005    1492244      59      1299210    202      745015      251
PRM006    1656334      60      1115406    268      815824      180
PRM007    1487455      55      1015541    224      602820      221
PRM008    1522070      55      1245490    208      711002      264
PRM009    1376537      55      1179503    248      930135      240
PRM010    1446543      52      1317951    312      577043      248
PRM011    1427723      52      1341777    273      602940      213
PRM012    1045021      57      1333570    227      1012540     247
PRM013    1636210      59      1192184    310      680350      236
PRM014    1517008      55      1052591    101      940355      237

```

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Fig. 2

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Select	Name	Container	Directory Name	Date and Time	Description
<input type="checkbox"/>	Carthage-32	Carthage	Image-32	02/02/2002 01:23:45 AM	Long live Carthage!
<input type="checkbox"/>	Alexandria-8	Carthage	Image-8	02/02/2002 03:13:02 AM	Roma_VIP archive
<input type="checkbox"/>	Aquitania-4	Carthage	Image-4	02/02/2002 03:12:45 PM	Recovered data
<input type="checkbox"/>	Sicily-2	Carthage	Image-2	02/02/2002 11:15:09 AM	Rome_VIP current
<input type="checkbox"/>	Carthage-301	Carthage	Image-301	02/02/2002 12:23:15 PM	Rome_VIP overflow

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Go

Total: 100 Filtered: 12 Displayed: 12 Selected: 0

Fig. 3

400	410	420	440
Subset of Rows (User to page if necessary)	Subset of Columns Today's State-of-the-Art Widgets Typically Confine User To This As The Only Option.	All Columns Allows The User To Quickly See All The Columns. For Instance, In The FlashCopy Example, The User Could Quickly Add In Other Useful Columns Such As "Container State", "More Recent" FlashCopies, etc.	This Loads All Of The Data In For A Full View, But Also Easy To Get Out Of And Back To The "Subsets" If Too Much For The User To Process.
All Rows (User to scroll if necessary)	This Allows Users To Quickly Load And Display All Rows For Rapid Access Via Scrolling (Instead Of Slow And Non-Meaningful Paging).		

Fig. 4

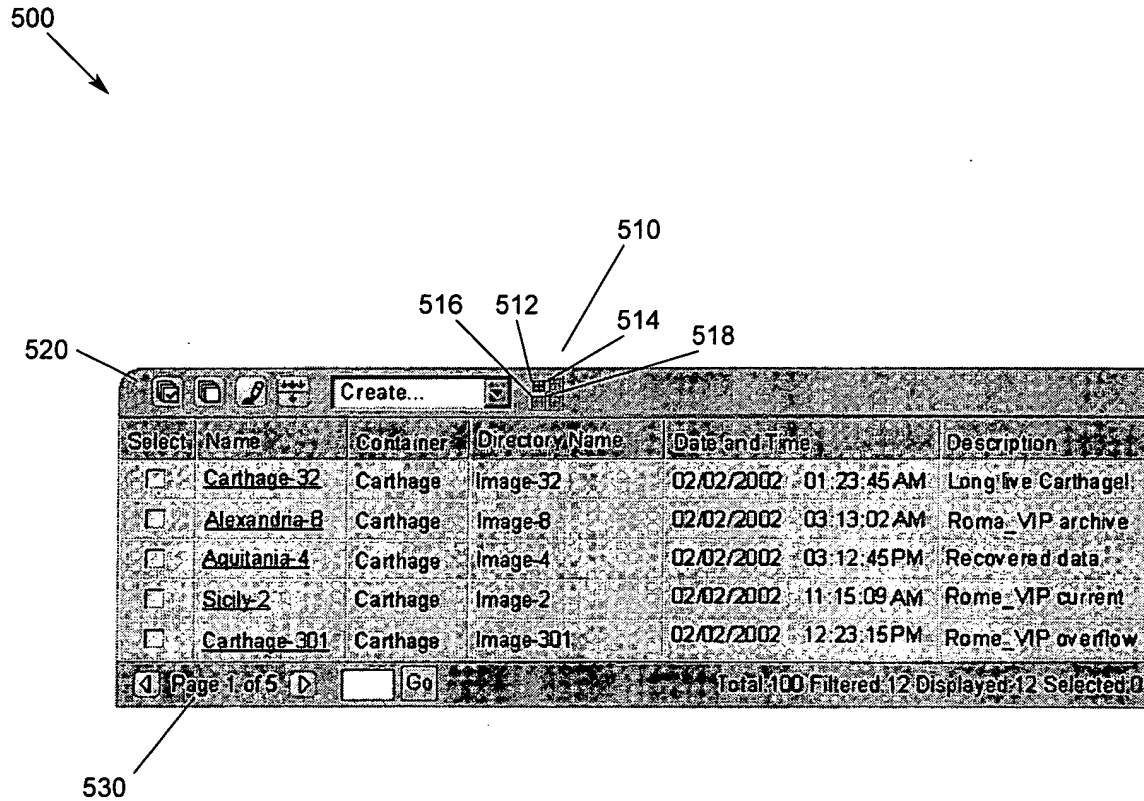


Fig. 5a

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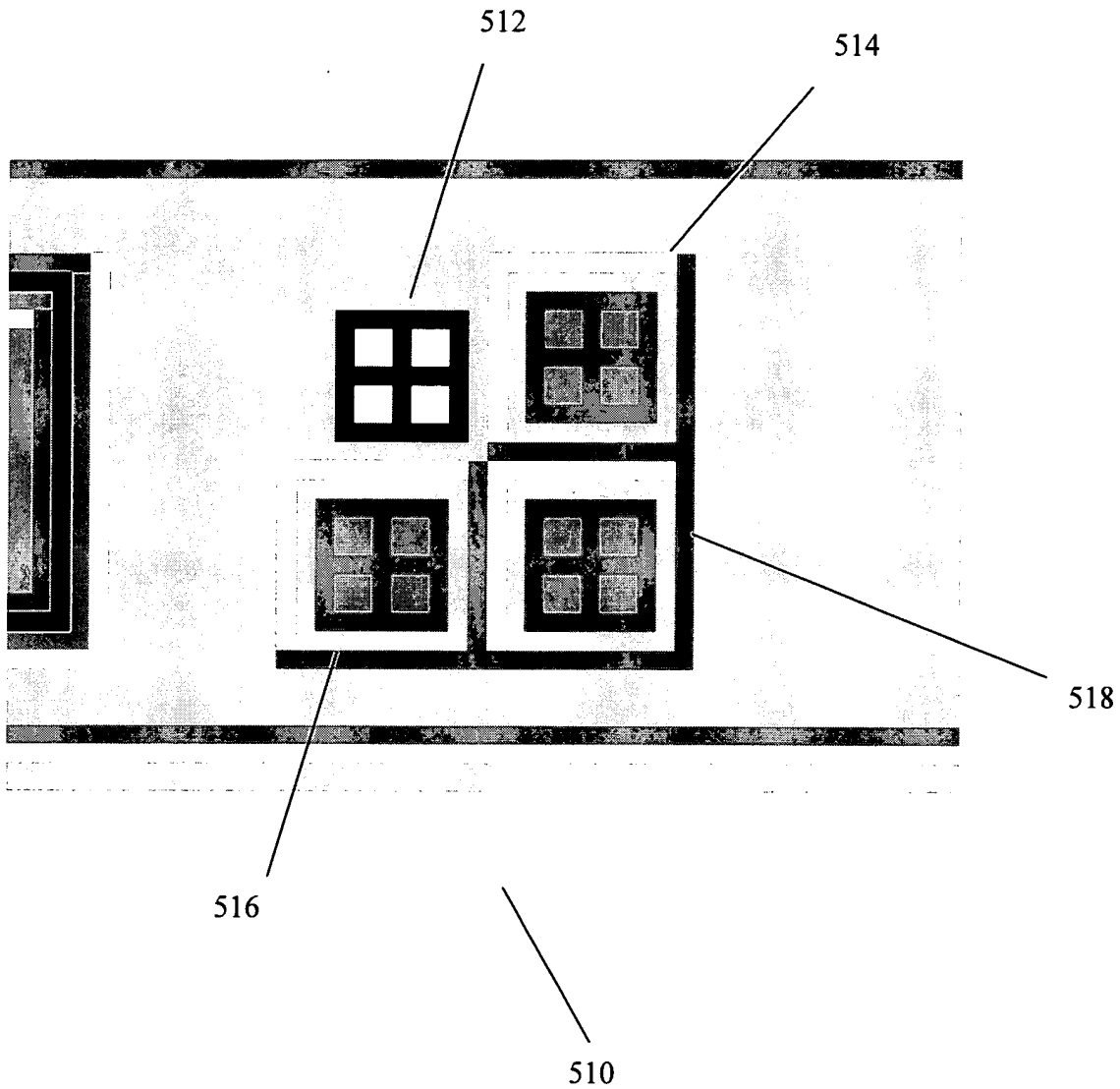


Fig. 5b

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Select	Name	Container	Container State	More Recent	Less Recent	Directory Name
<input type="checkbox"/>	Carthage-32	Carthage	Attached	17	14	Image-32
<input type="checkbox"/>	Alexandria-8	Carthage	Attached	30	1	Image-8
<input type="checkbox"/>	Aquitania-4	Carthage	Detached	23	8	Image-4
<input type="checkbox"/>	Sicily-2	Carthage	Attached	11	20	Image-2
<input type="checkbox"/>	Carthage-301	Carthage	Attached	14	17	Image-301
<input type="checkbox"/>	Carthage-32	Carthage	Attached	20	11	Image-32
<input type="checkbox"/>	Alexandria-8	Carthage	Attached	16	15	Image-8
<input type="checkbox"/>	Aquitania-4	Carthage	Attached	8	23	Image-4
<input type="checkbox"/>	Sicily-2	Carthage	Detached	1	30	Image-2
<input type="checkbox"/>	Carthage-301	Carthage	Attached	15	16	Image-301

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Fig. 6a

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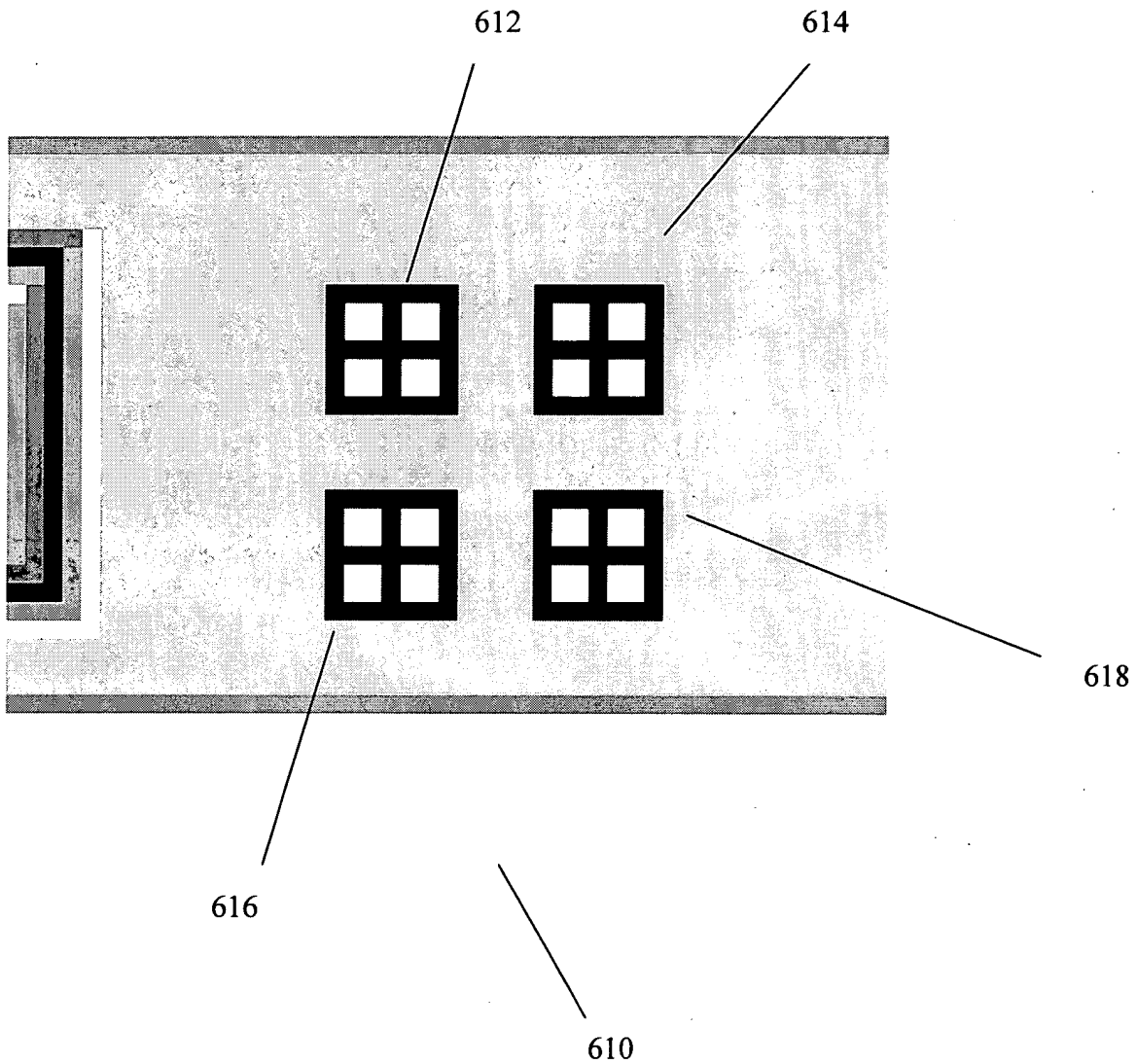


Fig. 6b



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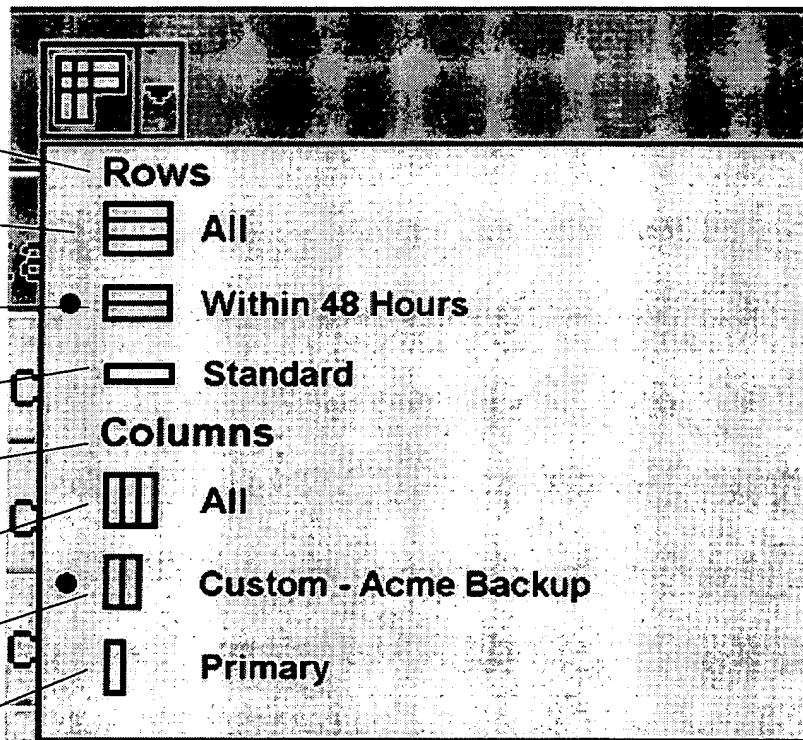


Fig. 7

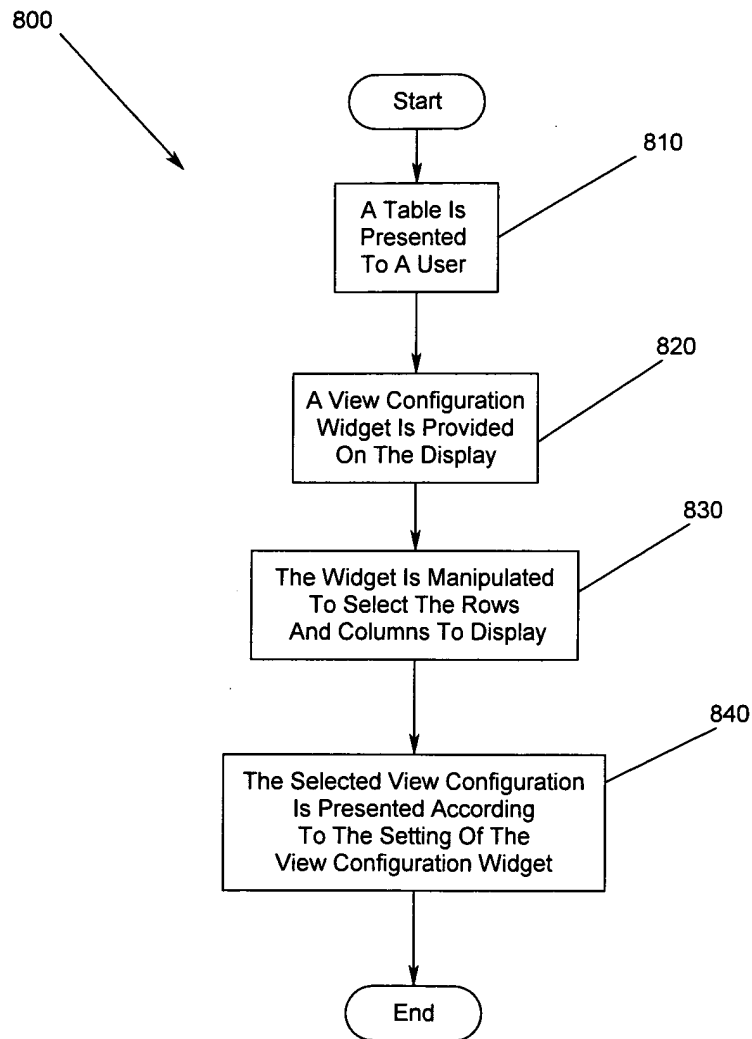


Fig. 8